



L3 ANSWER 69 OF 379 CA COPYRIGHT 2004 ACS on STN
AN 136:373618 CA
ED Entered STN: 06 Jun 2002
TI Lightweight plate heat- and sound-insulators prepared from lightweight aggregates, vermiculite, **zeolite**, **fly ash** and **cement**
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SO Repub. Korean Kongkae Taeho Kongbo, No pp. given
CODEN: KRXXA7
DT Patent
LA Korean
IC ICM C04B014-20
CC 58-4 (Cement, Concrete, and Related Building Materials)
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	KR 2000067360	A	20001115	KR 1999-15094	19990427
PRAI	KR 1999-15094		19990427		

CLASS

	PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
KR	2000067360	ICM	C04B014-20
AB	Lightwt. plate construction materials with high strength, sound- and heat-insulating properties are prepd. without expanded polystyrene. The lightwt. plate construction materials are prepd. by mixing 50 vol.% of an artificial lightwt. aggregate, 15 vol.% of vermiculite, 2 vol.% of ceramic aggregates, 1 vol.% of <u>fly ash</u> , 2 vol.% of <u>zeolite</u> , 30 vol.% of <u>cement</u> and adding 40-60% of vol. of <u>cement</u> in water and then heating to 60.degree. after molding and finally steam curing for a day.		
ST	lightwt plate sound heat insulator vermiculite aggregate cement compn		
IT	Ceramics		